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### **Banner Year for Tennessee Crops**

Tennessee crop producers experienced a banner year during 2001, establishing 10 new state records, according to a recent survey conducted by the Tennessee Agricultural Statistics Service (TASS). The state's cotton farmers produced the highest average yields and the largest number of bales since records first began to be kept in 1866. Hay producers also set new records for acreage and production, while record high yields were reached by alfalfa hay producers. Corn farmers achieved record high yields on both their grain and silage crops, as did Dark Air-Cured tobacco growers. TASS State Statistician, Debra Kenerson noted, "This has been an exceptional year for farmers in the Volunteer State. The skill and technique of the Tennessee farmer, along with some cooperation from Mother Nature, has given us a year unlike any we have seen." She added, "After two straight years of drought conditions in the late summer and fall months, crop producers were due for more normal weather." Survey results also showed the highest soybean yield and production since 1997, and the largest grain sorghum production since 1994. In contrast, quota and allotment reductions during 2001 led to a decrease in acreage and production of all the tobacco crops grown in the state. Burley tobacco acreage dropped to its lowest level since 1927, while production fell to its lowest poundage in 15 years.

### **Record Cotton Yield and Production**

Cotton production in Tennessee is estimated at 975,000 bales, up 37 percent from 2000 and a new state record. This record production surpassed the previous record in 1994 by 90,000 bales. Producers planted 620,000 acres during 2001 of which 615,000 acres were harvested, both up 50,000 acres from a year earlier and the largest acreage since 1995. Yields averaged a record 761 pounds per acre, up 158 pounds from 2000. Producers had near ideal

weather conditions this past spring and were able to plant the crop in record time. Timely rains throughout the growing season helped keep the crop in mostly good condition. The majority of the state's cotton had been harvested by the second week in November, on pace with normal.

### **Excellent Year for Corn Crop**

Tennessee crop producers experienced an excellent corn crop in 2001. The final yield of 132 bushels per acre, was down one bushel from November, but up 18 bushels 2000. This is the highest yield since 1992 and a new state record. The State planted 680,000 acres of corn with 620,000 acres harvested for grain and 55,000 for silage. Total grain production at 81.8 million bushels was 24 percent above 2000 and the largest production since 1921. Silage yields were a record 19.0 tons per acre, up 2 tons from the previous year, while production totaled 1.05 million tons. The crop received timely showers and benefitted from the excellent weather conditions during 2001.

### **Highest Soybean Yield Since 1997**

The State's final yield, at 34 bushels per acre, was up 9 bushels from 2000 and the highest since 1997. Soybean production, at 35.7 million bushels, was up 24 percent from the previous year and the highest since 1997. Producers planted 1,080,000 acres and harvested 1,050,000 acres in 2001, both down 100,000 acres from 2000. It was an exceptional spring for planting soybeans in Tennessee. Weather provided excellent conditions for soybean development with timely rains and moderate temperatures.

### **Tobacco Production Down From 2000**

Tennessee's final burley production at 64.0 million pounds, was down 10 percent from 2000 and the lowest production since 1986. Growers harvested 32,000 acres, down 5,000 acres from a year earlier and the smallest acreage since 1927. Yield per acre averaged 2,000 pounds, up 80 pounds from the previous year and the highest yield in 7 years. Production of Dark-Fire Types 22 and 23 also showed a decline from 2000. Production of Type 22, at 17.3 million pounds, was down 19 percent, while Type 23, at 1.56 million pounds, was down 22 percent from 2000. Type 35 production was down 3 percent to 1.63 million pounds. Dark-types final yields are: Type 22 - 2,700; Type 23 - 3,000; Type 35 - 2,500 pound per acre, a new state record.

## Record Hay Acreage

Hay acreage, at 2,135,000, was up 100,000 acres from 2000 and a new state record. Frequent and timely late summer rains proved beneficial to pastures and hay fields which provided producers the opportunity to cut more acreage than normal during 2001. All Hay production, at 4.78 million tons, was also a new state record, surpassing the previous record in 2000 by 1 percent. Other Hay final yield was 2.2 tons per acre, down only 0.1 ton from a year earlier. Alfalfa producers harvested 35,000 acres, unchanged from 2000 with a yield of 3.9 tons per acre, up 5 percent from 2000 and a new state record. Total alfalfa production at 137,000 tons, was up 5 percent from 2000. Alfalfa seedings for 2001 were 6,000 acres, down 2,000 acres from the previous year.

## Winter Wheat Acreage for 2002 Down 14 Percent

Total wheat acreage for 2002 is forecast at 430,000 acres, down 14 percent from the 2001 planted area. Winter wheat producers were busy preparing the 2002 winter wheat crop in September, but the lack of rain hindered seeding resulting in only a little over-half of the acreage being seeded by the first of November. By month's end, however, the majority of the 2002 crop had been seeded, slightly behind normal.

### Crop Estimates: Tennessee and United States, Final 2001, with Comparisons

Crop	Unit	Harvested Acres		Yield Per Acre		Production	
		2000	2001	2000	2001	2000	2001
		Thousands		Number of Units		Thousands	
TENNESSEE							
Apples	lb.	---	---	---	---	9,500	9,500
Corn for grain	bu.	580	620	114	132	66,120	81,840
Cotton <sup>1</sup>	lb.	565	615	603	761	710	975
Cottonseed	ton	—	—	—	—	289.0	375.0
Hay, All	ton	2,035	2,135	2.32	2.23	4,730	4,757
Other	ton	2,000	2,100	2.30	2.20	4,600	4,620
Alfalfa	ton	35	35	3.70	3.90	130	137
Peaches	lb.	---	---	---	---	2,500	4,000
Soybeans	bu.	1,150	1,050	25.0	34.0	28,750	35,700
Tobacco, All	lb.	46.02	39.57	2,085	2,135	95,958	84,465
E. Dark-fired (22)	lb.	7.7	6.4	2,760	2,700	21,252	17,280
W. Dark-fired (23)	lb.	.64	.52	3,125	3,000	2,000	1,560
Burley (31)	lb.	37.0	32.0	1,920	2,000	71,040	64,000
One-sucker (35)	lb.	.68	.65	2,450	2,500	1,666	1,625
Winter Wheat	bu.	380	340	55.0	54.0	20,900	18,360
UNITED STATES							
Apples	lb.	---	---	---	---	10,648,700	9,560,400
Corn for grain	bu.	72,440	68,808	136.9	138.2	9,915,051	9,506,840
Cotton <sup>1</sup>	lb.	13,053.0	13,810.0	632	698	17,188.3	20,084.0
Cottonseed	ton	—	—	—	—	6,435.6	7,533.0
Hay, All	ton	59,854	63,511	2.54	2.47	151,921	156,703
Other	ton	36,777	39,699	1.95	1.93	71,574	76,437
Alfalfa	ton	23,077	23,812	3.48	3.37	80,347	80,266
Peaches	lb.	---	---	---	---	2,599,800	2,537,300
Soybeans	bu.	72,408	73,000	38.1	39.6	2,757,810	2,890,572
Tobacco, All	lb.	472.43	432.64	2,229	2,314	1,052,998	1,000,936
E. Dark-fired (22)	lb.	11.80	9.70	2,896	2,768	34,167	26,850
W. Dark-fired (23)	lb.	4.44	3.62	3,360	3,257	14,920	11,790
Burley (31)	lb.	185.40	164.50	1,957	2,125	362,788	349,575
One-sucker (35)	lb.	3.78	3.45	2,901	2,662	10,966	9,185
Winter Wheat	bu.	35,072	31,295	44.7	43.5	1,566,023	1,361,479

<sup>1</sup> Production in 480-lb. net weight bales. U.S. production includes American-Pima Cotton.

**Cotton Ginnings: Running Bales Ginned(Excluding Linters)  
Prior to January 1, by Crop, State, and United States, Crop Years 1998-2001**

State	Running Bales Ginned			
	1998	1999	2000	2001
<b>All Cotton</b>				
AL	531,600	614,300	520,900	849,750
AZ	501,350	590,100	609,800	585,650
AR	1,172,300	1,388,700	1,404,950	1,785,900
CA	1,416,000	1,954,700	2,313,900	2,025,000
GA	1,445,400	1,485,050	1,533,900	2,054,500
LA	652,400	918,600	923,100	1,044,300
MS	1,400,150	1,680,150	1,673,600	2,289,650
MO	337,750	450,050	502,000	670,000
NM	64,400	58,700	59,700	68,850
NC	1,004,250	782,550	1,300,400	1,496,450
OK	131,700	131,650	141,950	174,550
SC	330,050	260,800	351,700	401,750
<b>Tennessee</b>	<b>529,800</b>	<b>574,150</b>	<b>691,300</b>	<b>944,100</b>
TX	3,441,450	4,821,600	3,793,250	3,936,650
VA	133,550	133,100	145,350	177,500
US	13,159,700	15,965,150	16,082,850	18,672,250

**Grain Stocks: Tennessee and U.S., December 1, 2001 with Comparisons**

Crop	Tennessee <sup>1</sup>			United States		
	Dec 1, 2000	Sept 1, 2001	Dec 1, 2001	Dec 1, 2000	Sept 1, 2001	Dec 1, 2001
1,000 Bushels						
<b>On-Farm Stocks</b>						
Corn				5,550,000	753,150	5,275,000
Wheat				623,420	696,850	517,890
Soybeans				1,217,000	83,500	1,240,000
Grain Sorghum				74,300	8,900	72,400
Oats				86,900	74,800	58,100
<b>Off-Farm Stocks <sup>2</sup></b>						
Corn	12,956	1,413	17,591	2,979,634	1,145,958	2,989,257
Wheat	7,893	8,321	7,507	1,182,705	1,458,964	1,105,485
Soybeans	6,995	247	6,301	1,022,991	164,247	1,035,713
Grain Sorghum	147	13	177	187,681	32,851	240,937
Oats	83	93	199	57,237	41,592	56,120
<b>Total Stocks</b>						
Corn				8,529,634	1,899,108	8,264,257
Wheat				1,806,125	2,155,814	1,623,375
Soybeans				2,239,991	247,747	2,275,713
Grain Sorghum				261,981	41,751	313,337
Oats				144,137	116,392	114,220

<sup>1</sup> Estimates for Tennessee on-farm stocks are not published. <sup>2</sup> Includes stocks at mills, elevators, warehouses, terminals and processors.

**U.S. Dairy Products:** Total cheese output (excluding cottage cheese) was 681 million pounds, 0.8 percent above November 2000 but 0.3 percent below October 2001. American type cheese production totaled 285 million pounds, 1.9 percent above November 2000 but 4.0 percent below October 2001. Butter production was 98.9 million pounds in November, 1.4 percent below November 2000 and 10.9 percent below October 2001.

Frozen dessert: (comparisons with November 2000)

Ice cream, Regular (hard) --- 60.1 million gallons, up 5.0 percent.

Ice cream, Lowfat (total) --- 25.4 million gallons, up 7.1 percent.

Ice cream, Nonfat (hard) --- 1.62 million gallons, up 3.7 percent.

Sherbet (hard) --- 3.13 million gallons, up 4.3 percent.

Frozen Yogurt (total) --- 5.91 million gallons, up 10.0 percent.

Nonfat dry milk for human food: (compared with November 2000) --- 105 million pounds, up 5.9 percent.

Dry whey products: (comparisons with November 2000)

Dry whey, human --- 77.0 million pounds, down 5.2 percent.

Dry whey, animal --- 4.75 million pounds, down 13.3 percent.

Dry whey, total --- 81.7 million pounds, down 5.7 percent.

**Tennessee Milk Production:** October-December quarterly production of milk was 320 million pounds, down 20,000 pounds from the October-December period in 2000. The average number of milk cows in Tennessee during the October-December quarter was 89,000 head, 5,000 head less than the same period a year earlier.

**U.S. October-December Milk Production:** The quarterly production of milk for the U.S. was 40.8 billion pounds, 0.2 percent above the October-December period last year. The average number of milk cows in the U.S. during the October-December quarter was 9.10 million head, 113,000 head less than the same period last year.

**Quarterly Milk Production: Tennessee and United States, October-December 2000-2001**

Item	Unit	Tennessee		United States	
		2000	2001	2000	2001
		1,000 Head		Million Pounds	
Milk cows on farms <sup>1</sup>	1,000	94	89	9,211	9,098
Milk production <sup>2</sup>	mil. lbs.	340	320	40,678	40,764

<sup>1</sup> Includes dry cows, but excludes heifers not yet fresh. <sup>2</sup> Excludes milk sucked by calves.